



Transportation

PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

August 25, 2016

U. S. Army Corps of Engineers
Regulatory Field Office
3331 Heritage Trade Drive, Suite 105
Wake Forest, NC 27587

ATTN: Mr. John Thomas
NCDOT Coordinator

SUBJECT: **Request for Modification to Section 404 Individual Permit and Section 401 Individual Water Quality Certification** for the proposed extension of SR 3000 (Idols Rd.) from SR 2999 (Hampton Rd.) to US 158 (Clemmons Rd.), Forsyth County. Federal Aid Project No. STP-3000 (1), State Project No. 8.2624101, T.I.P. Project No. U-2707. Debit \$570.00 from WBS Element No. 34845.1.1.

REFERENCE: Individual Permit Application dated May 4, 2012.
Section 404 Individual Permit issued November 5, 2012.
Section 401 Individual Water Quality Certification issued August 6, 2012.

Dear Sir:

The North Carolina Department of Transportation (NCDOT) proposes to extend SR 3000 (Idols Rd.) from SR 2999 (Hampton Rd.) to US 158 (Clemmons Rd.) near Clemmons, Forsyth County. This project involves the construction of a 2.0 mile roadway on new location, as well as the replacement of Bridge No. 109 over the Norfolk Southern Railroad and the reconfiguration of the intersection of Idols and Hampton Roads. The cross section of the proposed new location facility consists of two 12 ft. travel lanes, 4 ft. paved shoulders to accommodate bicycles, and 4 ft. grass shoulders.

The original permit application dated May 4, 2012, stated the impacts at Permit Site 2 are from the relocation of a jurisdictional stream into a series of two new 48" pipes. Permanent impacts from 14 lf of bank stabilization at the outfall of the second 48" pipe were not included in the original submittal (See Revised Permit Drawing Sheet 8 - attached). The receiving stream below the 48" pipe was not depicted on the original permit drawings but will not be impacted by this action. Permit Site 5 had no impacts in the original submittal. A damaged pipe was to be replaced with a pipe with baffles to enhance fish passage and this enhancement would offset any permanent impacts. The damaged pipe will now be removed without replacement. A 48" temporary pipe will need to be installed at the same location for a temporary crossing for equipment access in the construction of the bridge to the south. Temporary impacts of <0.01 acre



(50 lf) will result from this action (see Revised Permit Drawing Sheet 10 and the Revised Impact Summary Sheet - attached).

This project Let on April 19, 2016 and is currently under construction.

A copy of this permit application and its distribution list will be posted on the NCDOT Website at: <http://connect.ncdot.gov/resources/Environmental>. If you have any questions or need additional information, please call Jeff Hemphill at (919) 707-6126.

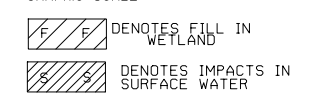
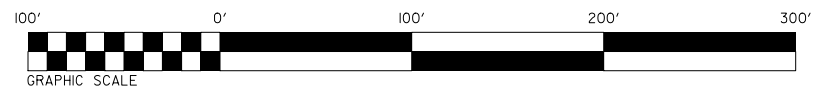
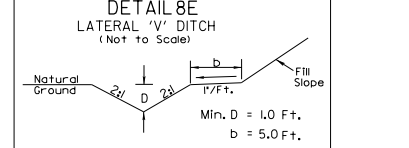
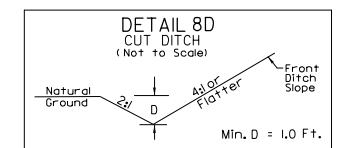
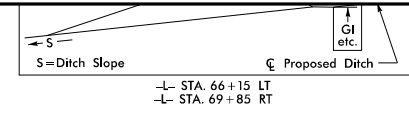
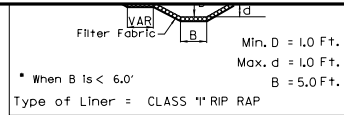
Sincerely,

A handwritten signature in blue ink, appearing to read 'PHS', with a long horizontal flourish extending to the right.

for Philip S. Harris III, P.E., C.P.M.
Natural Environment Section Head

cc:
NCDOT Permit Application Standard Distribution List

8/17/99



-DRI-
 PI Sta 11+20.93 = 36° 00' 35.0" (RT)
 D = 28' 06" 14.7"
 L = 128.13'
 T = 66.26'
 R = 203'
 SE = NC

PI Sta 12+50.65 = 88° 08' 51.4" (RT)
 D = 88' 08" 51.4"
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 R = 932.00'
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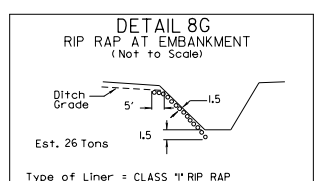
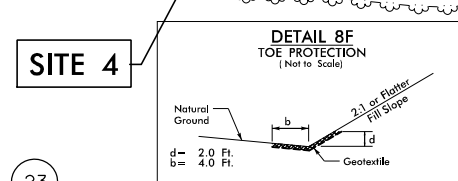
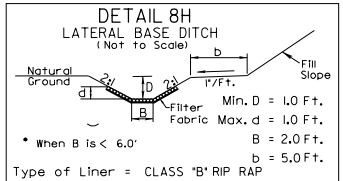
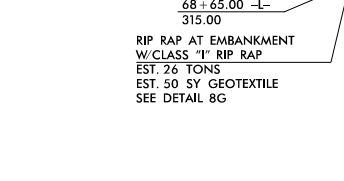
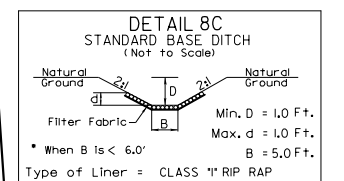
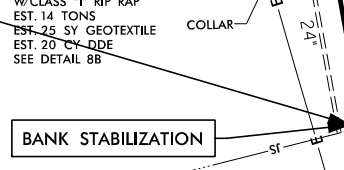
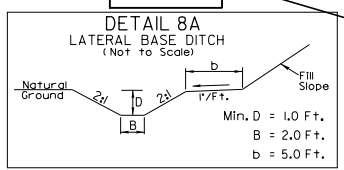
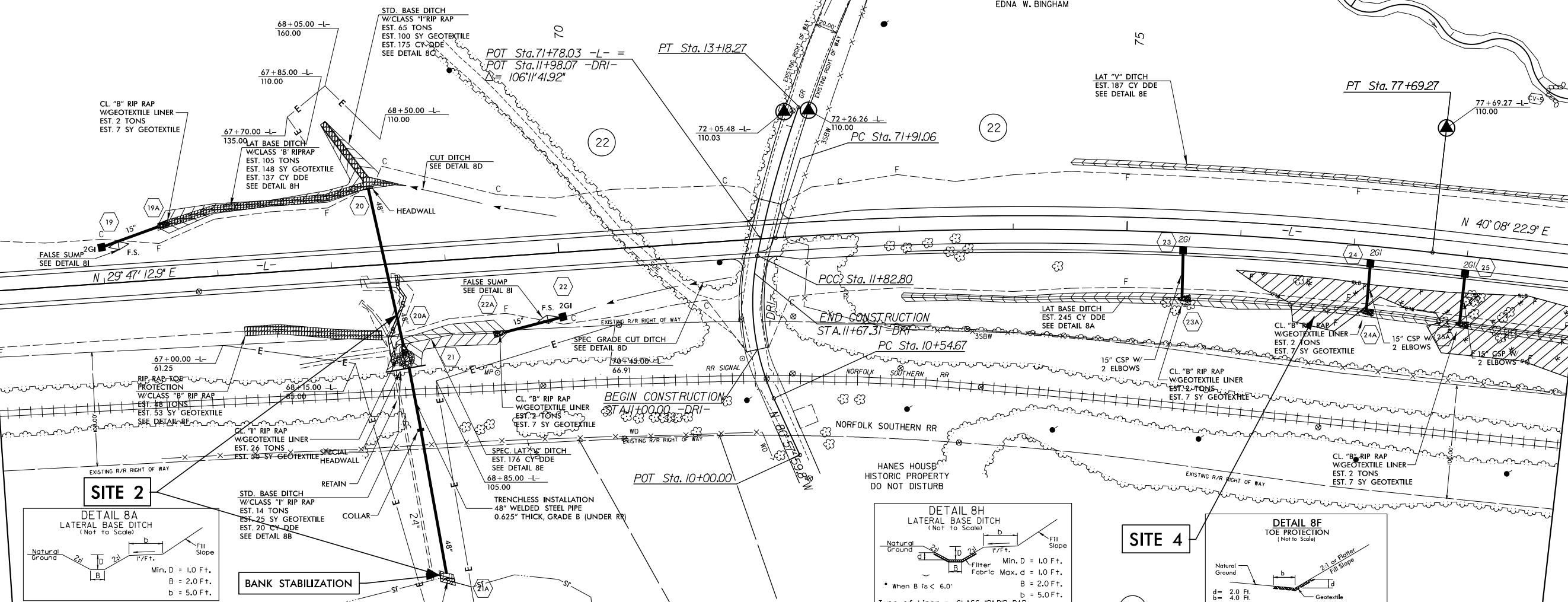
SEPI
 ENGINEERING CONSULTANTS
 1025 Wade Avenue
 Raleigh, NC 27605
 Tel: 919-789-9977
 Fax: 919-789-9591
 License: C-2197

PROJECT REFERENCE NO. U-2707	SHEET NO. 8
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

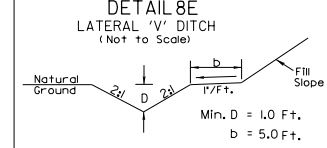
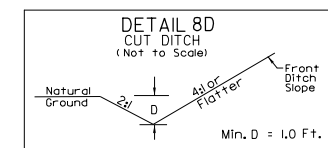
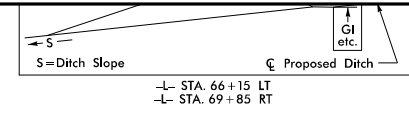
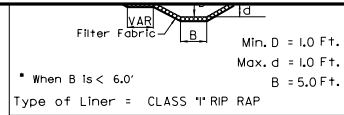
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MATCH LINE
-L- STA 79+00



-L-
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 L = 578.21'
 T = 289.89'
 R = 3,200.00'
 SE = 0.04
 RUNOFF = 100'

8/17/99



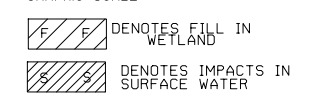
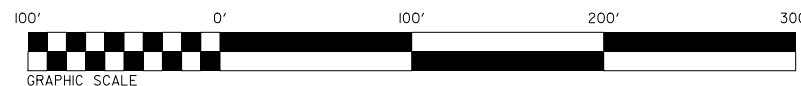
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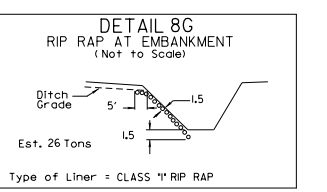
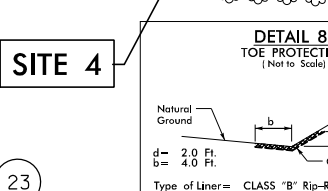
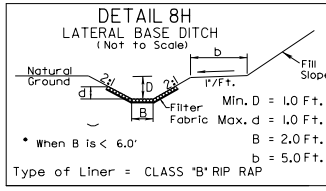
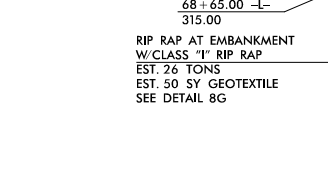
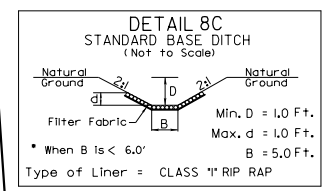
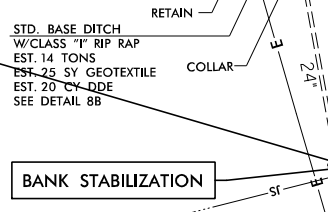
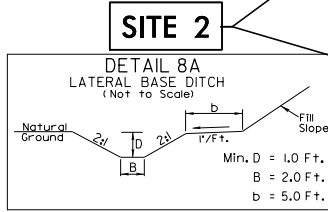
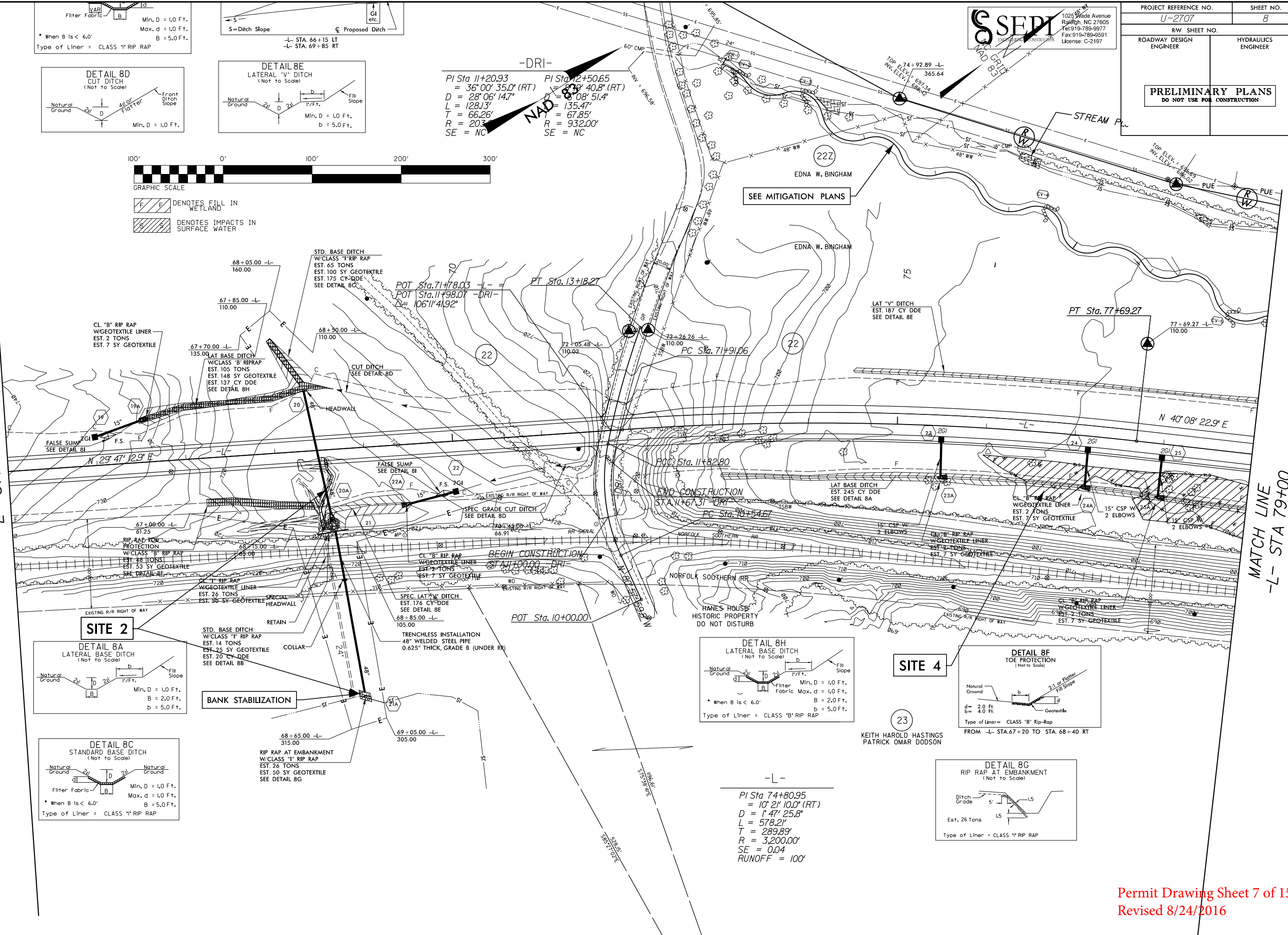
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ROADWAY DESIGN ENGINEER	CONSTRUCTION ENGINEER

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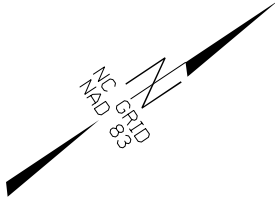
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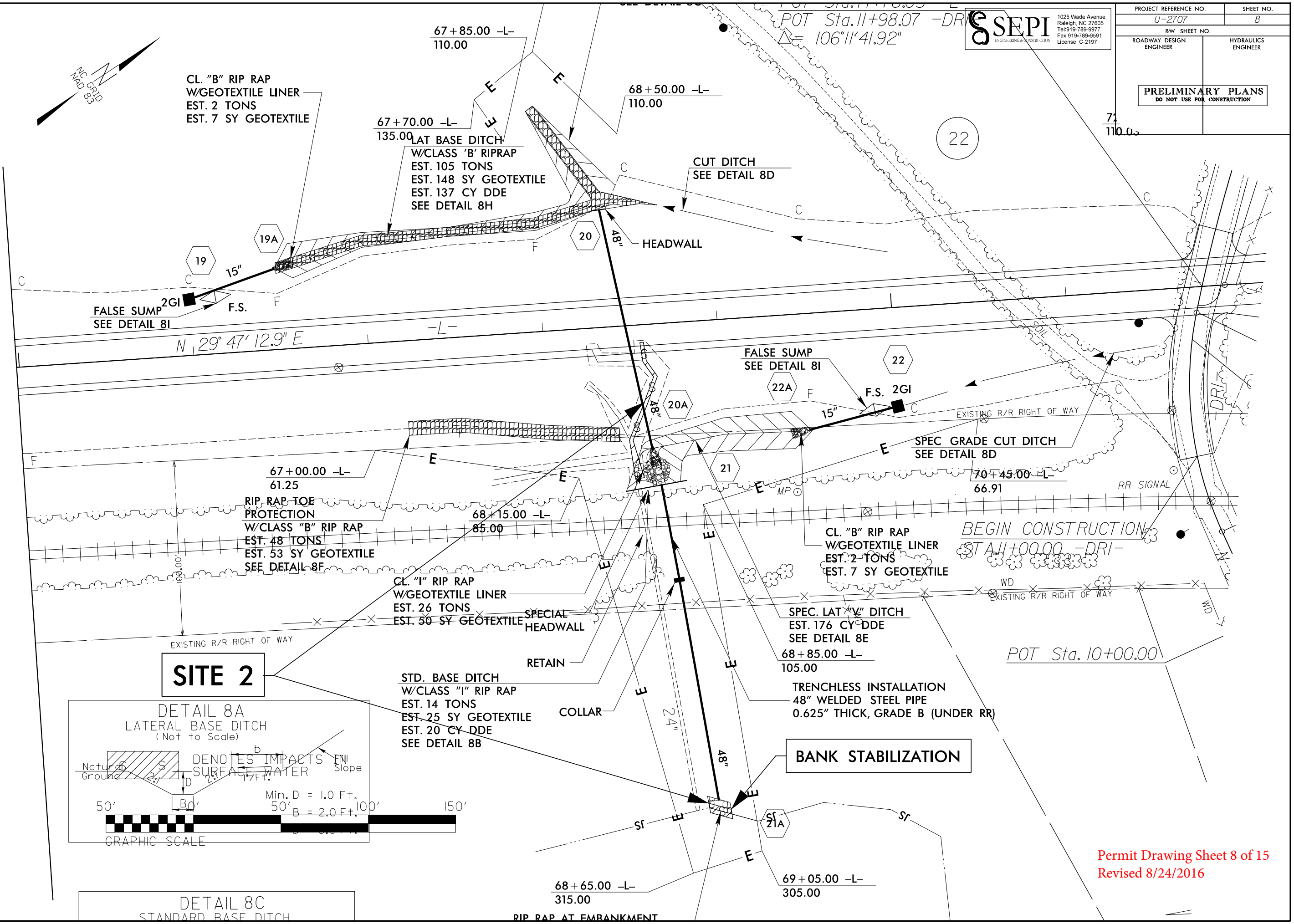
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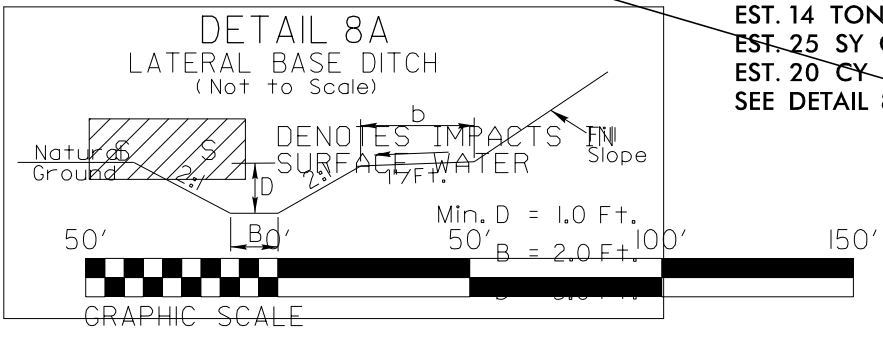
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PRELIMINARY PLANS
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SITE 2



Permit Drawing Sheet 8 of 15
Revised 8/24/2016

SYTIME DESIGN

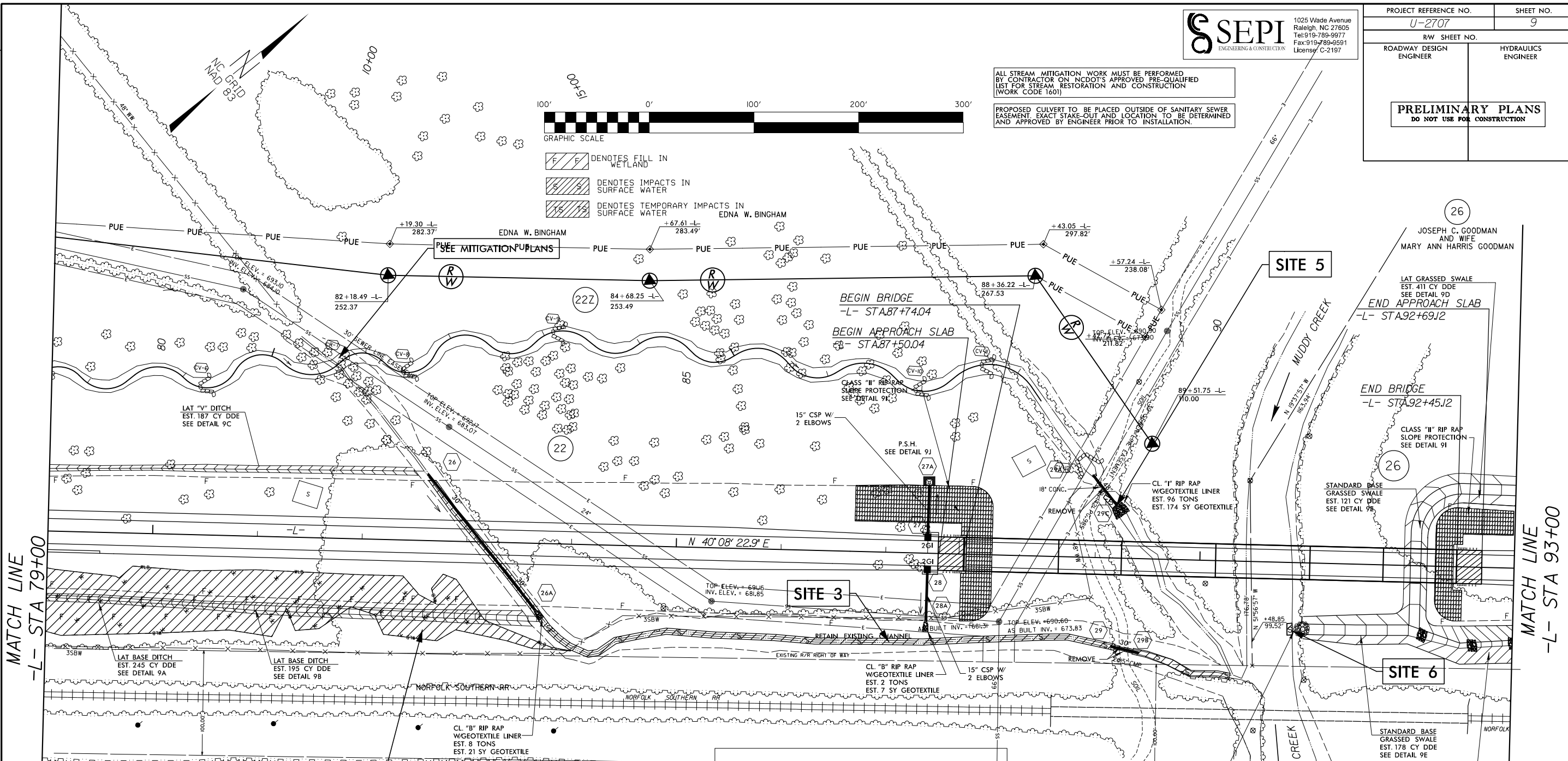
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PROJECT REFERENCE NO. U-2707	SHEET NO. 9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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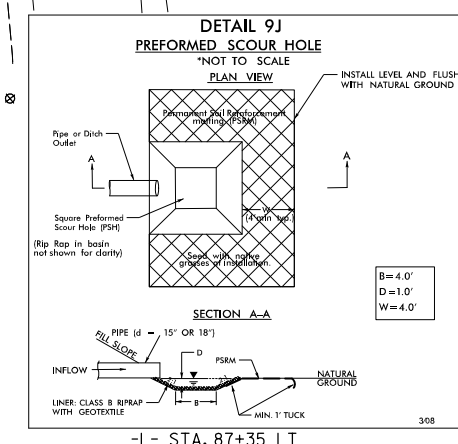
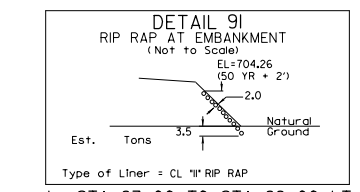
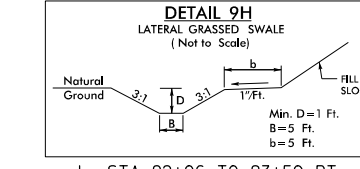
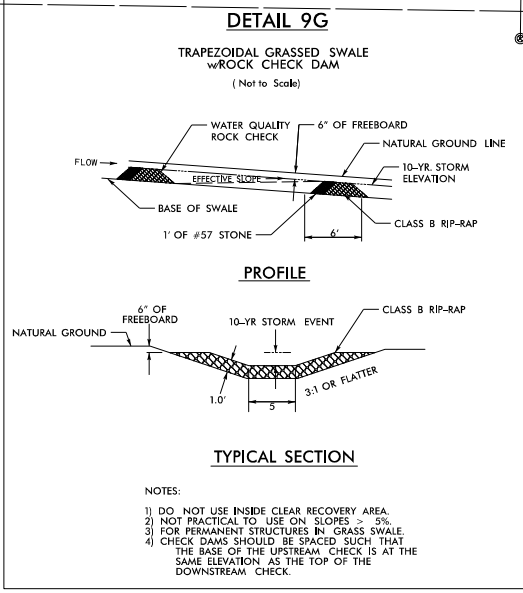
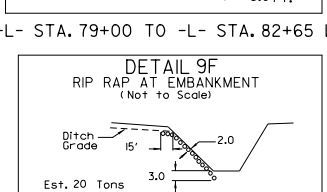
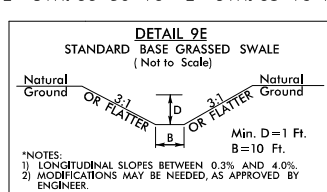
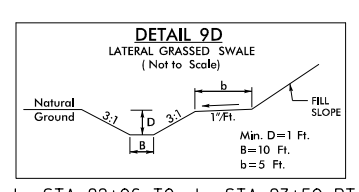
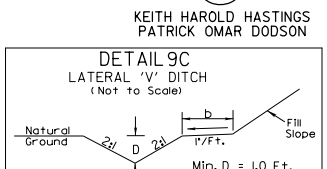
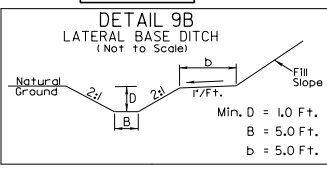
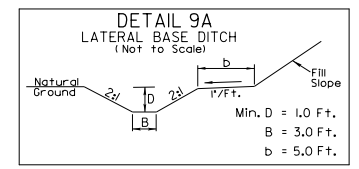
ALL STREAM MITIGATION WORK MUST BE PERFORMED BY CONTRACTOR ON NCDOT'S APPROVED PRE-QUALIFIED LIST FOR STREAM RESTORATION AND CONSTRUCTION (WORK CODE 1601)

PROPOSED CULVERT TO BE PLACED OUTSIDE OF SANITARY SEWER EASEMENT EXACT STAKE-OUT AND LOCATION TO BE DETERMINED AND APPROVED BY ENGINEER PRIOR TO INSTALLATION.



MATCH LINE
-L- STA 79+00

MATCH LINE
-L- STA 93+00



Permit Drawing Sheet 10 of 15
Revised 8/24/2016

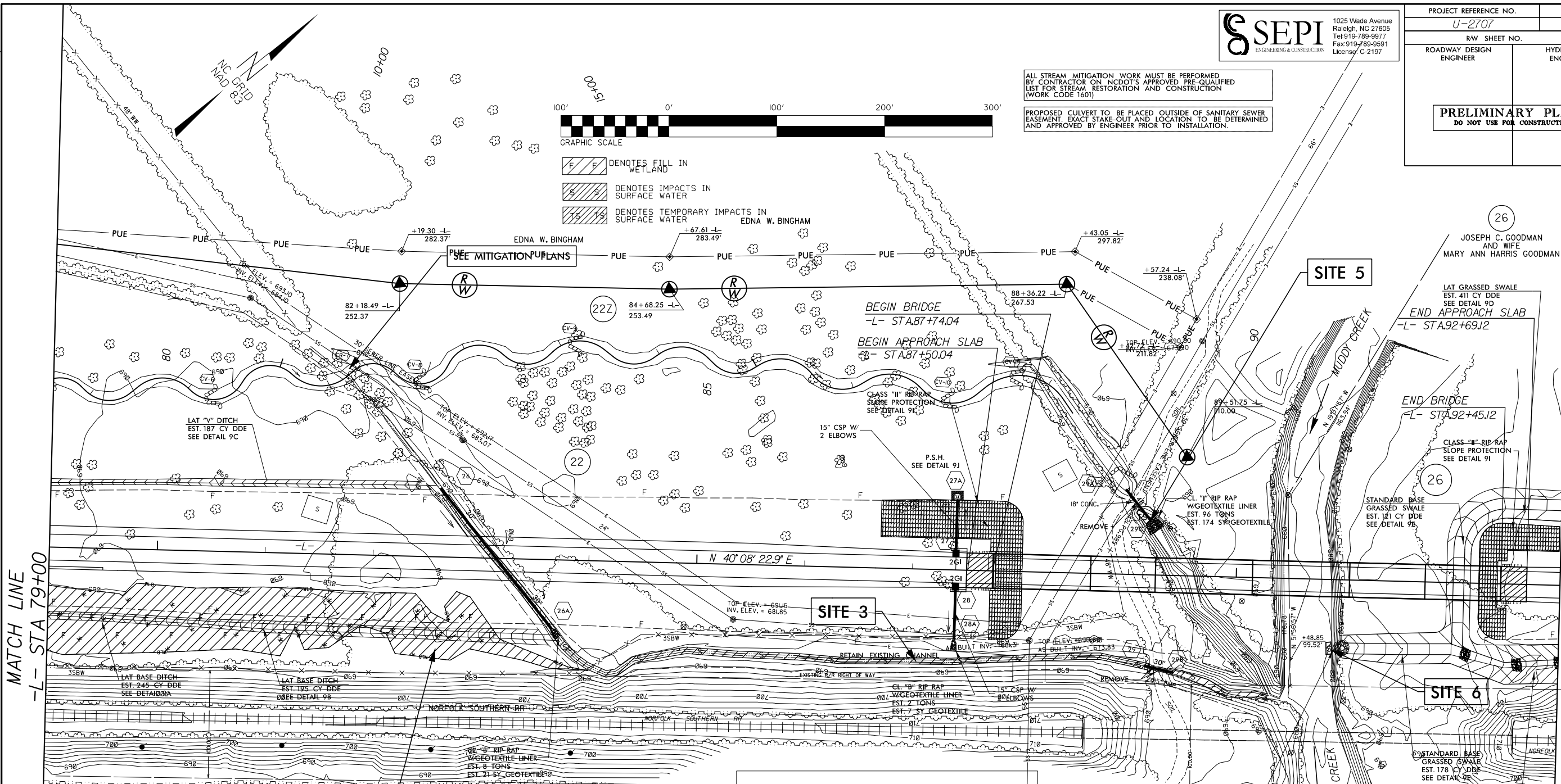
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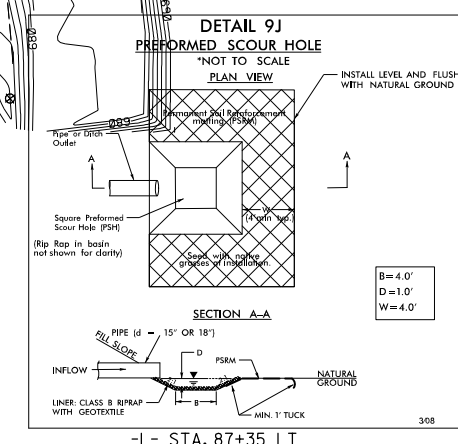
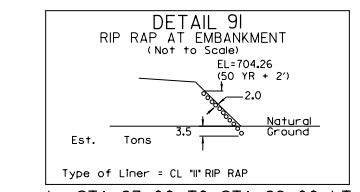
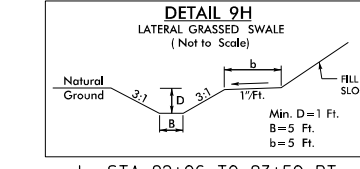
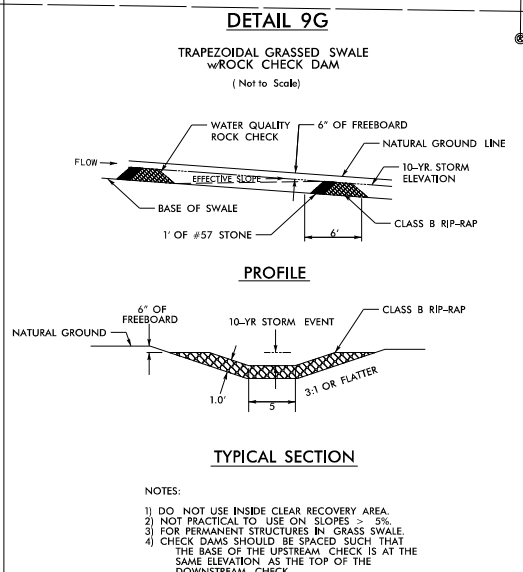
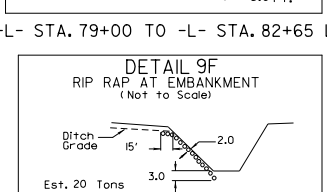
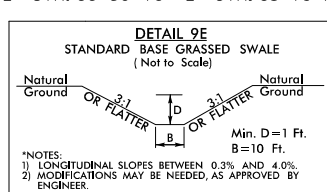
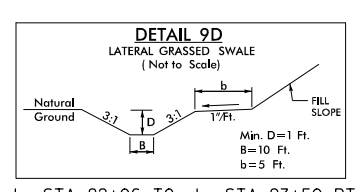
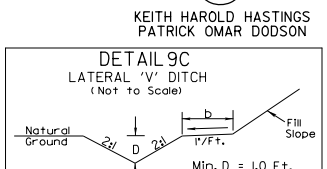
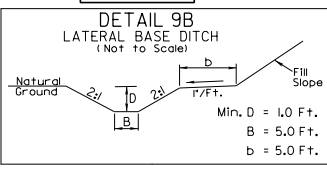
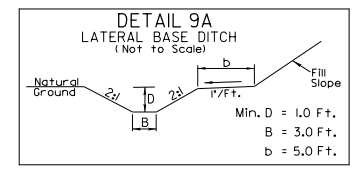
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WETLAND PERMIT IMPACT SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L- 40+80	48"				0.03						
2	-L- 68+50	48"						<0.01		61		
	-L- 68+82	Bank Stabilization						<0.01		14		
3	-L- 73+09 to 90+31	Roadway Fill						0.10		831		1876.5
4	-L- 75+98 to 84+02 Rt.	Roadway Fill	0.78									
5	-L- 89+00 Lt.	1 @ 48" Temp. Pipe							<0.01		50	
6	-L- 90+85 Rt.	Bank Stabilization						<0.01		11		
TOTALS:			0.78			0.03		0.10	<0.01	917	50	1876.5

Permit Drawing Sheet 15 of 15
Revised 8/24/2016

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

FORSYTH COUNTY
WBS - 34845.1.1 (U-2707)